Program Improvement Made

As Easy As 1 – 2 – 3 !

Elaine Metcalf

Wednesday, July 26, 2006

Missouri ACTE/MBEA Conference

Quality comes not from inspection but from improvement of the process.

--W. Edwards Deming

Why Evaluate?

- A system of data collection and evaluation provides the information necessary for program development and continuous improvement resulting in high student achievement.

--DESE Common Standards for Career Education Programs, 2006.

Three Ways to Evaluate

1

Conducting a **general analysis**

- Step 1 – complete a self-study using program specific standards
- Step 2 – evaluate areas of strengths and weaknesses
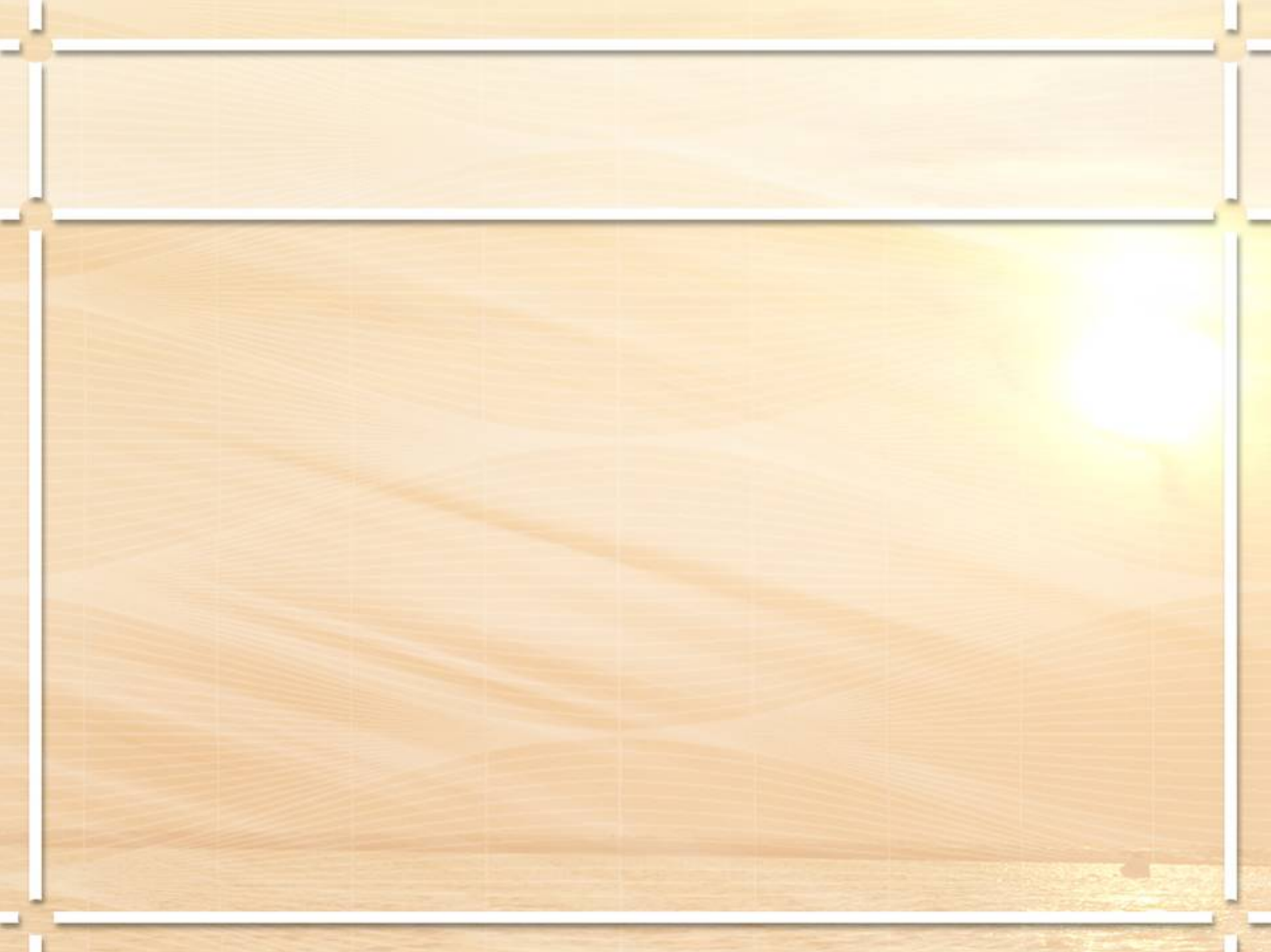- Step 3 – develop an action plan for addressing the weaknesses

2

Conducting an evaluation based on specific objectives

- Step 1 – determine the achievement of past goals
- Step 2 – gather data to support achievement or a need to continue the goals
- Step 3 – complete a program improvement plan

3

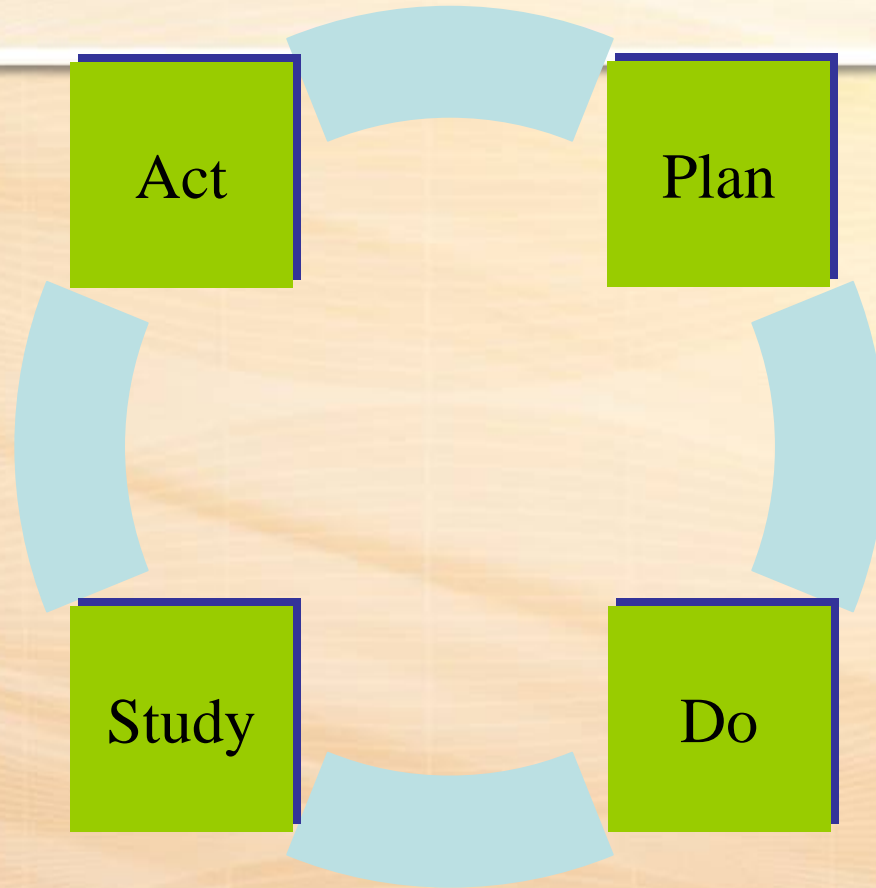Do nothing! Accept the status quo!

1 Generate some data!

2 Evaluate the data!

3 Take action!

Evaluation Process

A system of data collection and evaluation provides the information necessary for program development and continuous improvement resulting in high student achievement.

--DESE July 2006

1

Generate some data!

MSIP reports

- Annual Performance Report (APR) on DESE website

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TOPICS

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School Finance
Educator Certification
Career Education
Special Education
Teacher Quality/Prof. Dev.

RESOURCES

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Publications
Career Opportunities
Careers in Special Ed
Vocational Rehabilitation
Web Application Login
Other Resources/Sites

BULLETIN BOARD

Attention All Shoppers: Back-to-school shoppers may be able to save money during the **Sales Tax Holiday**, August 4-6.

15 Missouri Preschool Project grants are awarded. (Governor's news release, 7/7/06)

Register for DESE's 45th annual **Cooperative Conference for School Administrators**, July 30-Aug. 1.

School Data/Statistics

FAST-FIND

Programs & Services A-Z
News
Commissioner's News
School Directory
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FAQ
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Jobs for **Educators** in Missouri **Schools**

Done

start   Missouri Department ...   Microsoft PowerPoint ...   Adobe Reader - [Pro...   Removable Disk (M:)   10:52 PM

http://dese.mo.gov/schooldata/

Getting Started   Latest Headlines   Yahoo

Missouri Department of Elementary and Secondary Education

Home : School Data

School Data and Statistics

This page provides links to data about public schools in Missouri. You will find extensive educational statistics of interest to educators, parents and policymakers. Other resources provided here are intended to assist local officials with school-improvement planning and meeting the state's accreditation requirements.

Limited data about charter schools are available. Charter schools operate only within the boundaries of the Kansas City and St. Louis school districts. They are not subject to the same data-reporting and accreditation requirements as public schools.

To obtain the latest statistics, select a school district or charter school from the lists at right. Click on "Load Profile." This will connect you to an index of all the statistics about that district or school. To obtain building-level data, select "School District Report Cards" in the top-right corner of the index page.

Frequently Requested Documents

New ✓
- Missouri Public School Acc...
  ("State Report Card," 2004-05)

- Annual Report of the Public Scho...
  2003 | 2004 | 2005 (pdf)

School Districts Sorted by County

Please visit the FTP Data Download Site to download all districts.

A note on PDF files

Make a Selection

Alphabetical List of School Districts

MISSOURI Summary Profile

ADAIR CO. R-I(001090)
ADAIR CO. R-II(001092)
ADRIAN R-III(007123)

Load Profile

Find your school district's name

Alphabetical List of Charter Schools by City

KANSAS CITY CHARTERS
– Academy of Kansas City
– Alta Vista Charter School
– B. Banneker Charter Academy
– Brookside Charter

Load Profile

Search School Data and Statistics [   ] Search

Missouri Department of Elementary and Secondary Education - Missouri School Improvement Program
Email: LeighAnn.GrantEngle@dese.mo.gov
Revised: March 07, 2006

Site Index: Programs and Services A-Z [v] Go   Search | Contact Us | Site Map | FAQ

Done

start | School Improvement ... | Microsoft PowerPoint ... | Adobe Reader - [Pro... | Removable Disk (M:)   10:54 PM

Missouri Department of Elementary and Secondary Education
Missouri School Improvement Program
2005 Building Summary of Annual Performance Report (Supporting Data)
28OCT2005:00:00:00

{Back to: School List | Summary | Data}

Building: LEE'S SUMMIT SR. HIGH (1050) Grade Span: 09-12
District: 048071 LEE'S SUMMIT R-VII

9.1 Missouri Assessment Program – Grade 3 or 4	.	.	.	.	.	9.1 MAP Performance Index – Grade 3 or 4	.	.	.	.	.
Math						Math					
-Advanced and Proficient	.	.	.	.	.		.	.	.	.	.
-Step 1 and Progressing	.	.	.	.	.						
Communication Arts						Communication Arts					
-Advanced and Proficient	.	.	.	.	.		.	.	.	.	.
-Step 1 and Progressing	.	.	.	.	.						
Science						Science					
–Advanced and Proficient	.	.	.	.	.		.	.	.	.	.
-Step 1 and Progressing	.	.	.	.	.						
Social Studies						Social Studies					
-Advanced and Proficient	.	.	.	.	.		.	.	.	.	.
-Step 1 and Progressing	.	.	.	.	.						
9.1 Missouri Assessment Program – Grade 7 or 8	.	.	.	.	.	**9.1 MAP Performance Index – Grade 7 or 8**	.	.	.	.	.
Math						Math					
-Advanced and Proficient	.	.	.	.	.		.	.	.	.	.
-Step 1 and Progressing	.	.	.	.	.						
Communication Arts						Communication Arts					
-Advanced and Proficient	.	.	.	.	.		.	.	.	.	.
-Step 1 and Progressing	.	.	.	.	.						
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-Step 1 and Progressing	.	.	.	.	.						
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-Step 1 and Progressing	.	.	.	.	.						
9.1 Missouri Assessment Program – Grade 10 or 11	**2001**	**2002**	**2003**	**2004**	**2005**	**9.1 MAP Performance Index – Grade 10 or 11**	**2001**	**2002**	**2003**	**2004**	**2005**
Math	24.1	20.8	24.8	27.8	33.3	Math					
-Advanced and Proficient							191.1	184.3	192.5	197.6	199.2
-Step 1 and Progressing	34.4	41.3	31	28.7	29.1						
Communication Arts	25.6	35.7	26	35.4	36.4	Communication Arts					
-Advanced and Proficient							190.9	202.7	189.5	199.6	205.6
-Step 1 and Progressing	31.1	23	31	26.9	19						
Science	11.2	5	7.9	.	.	Science					
–Advanced and Proficient							184.3	177.7	180.4		

Done

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http://dese.mo.gov/planning/profile/apr/2005d0480711050.html

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9.3 ACT	2001	2002	2003	2004	2005
Number of Graduates	500	565	576	572	559
Number of Graduates Scoring at or Above the National Average	233	268	257	267	307
Percent of Graduates Scoring at or Above the National Average	46.6	47.4	44.6	46.7	54.9
Percent of Seniors Enrolling in College (Four-Year Average): 51.5					
9.4*1 Advanced Courses	2001	2002	2003	2004	2005
Units of Credit Times Enrollment in Approved Advanced	4245	4139	4028	4263	3292
Grades 11-12 Enrollment Times Credits Possible	7784	8477	8414	8449	6979
Percent of Credits Earned in Advanced Courses	54.5	48.8	47.9	50.5	47.2
9.4*2 Vocational Courses	2001	2002	2003	2004	2005
Units of Credit Times Enrollment in Approved Vocational Courses	958.5	1087.5	1116	1145.5	1124
Grades 11-12 Enrollment Times Credits Possible	7784	8477	8414	8449	6979
Percent of Credits Earned in Vocational Courses	12.3	12.8	13.3	13.6	16.1
9.4*1 Advanced and 9.4*2 Vocational Courses	2001	2002	2003	2004	2005
Units of Credit Times Enrollment in Approved Advance & Vocational Courses	5203.5	5226.5	5144	5408.5	4416.5
Grades 11-12 Enrollment Times Credit Possible	7784	8477	8414	8449	6979
Percent of Credits Earned in Advanced and Vocational Courses	66.8	61.7	61.1	64	63.3
9.4*3 College Placement	2000	2001	2002	2003	2004
Number of Graduates Entering College	298	303	318	266	275
Number of Graduates	506	500	565	576	572
Percent of Graduates Entering College	58.9	60.6	56.3	46.2	48.1
9.4*4 Vocational Placement	2000	2001	2002	2003	2004
Number of Graduates Completing a Vocational Education Program	176	195	241	302	280
Number of Graduates Completing a Vocational Education Program Placed in Occupations Relating to their Training, Attending College, or in the Military	133	161	189	220	233
Percent of Vocational Completers who are Placed	75.6	82.6	78.4	72.8	83.2
9.4*3 College Placement & 9.4*4 Vocational Placement	2000	2001	2002	2003	2004
Number of Graduates Entering College or Placed in an Occupation Related to their Vocational Training or the Military	357	342	353	292	305
Number of Graduates	506	500	565	576	572
Percent College and Vocational Placement	70.6	68.4	62.5	50.7	53.3
10.1*1 Dropout Rates	2001	2002	2003	2004	2005
Number of Students in Grades 9-12 (Average)	2349.5	2410	2497.5	2553	1867.5
Number of Students Dropping Out	69	62	34	49	46

9.4*2 Vocational Courses

Look for improvement in % of credits earned

Done

A closer look at 9.4*2

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Number of Students Dropping Out	69	62	34	49	46

9.4*4 Vocational Placement

Look for improvement in % of graduates placed in related training, college, or military

A closer look at 9.4*4

9.4*4 Vocational Placement	2000	2001	2002	2003	2004
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Generate some data by conducting surveys

Follow-up data on graduates

Online

www.leesummit.k12.mo.us/gradsurvey

Labor market or community needs

surveys of employers of graduates or interns

[Community Needs Survey](#)

Student interest or student satisfaction surveys

- 2005 Student Survey

Zoomerang Basic – Free

http://info.zoomerang.com/solutions/educators.htm

A limited-feature trial version of zPro surveys. Limited to 100 or fewer participants and 30 or fewer questions results expire after 10 days. Ongoing membership is free.

Survey Monkey – Free

http://www.surveymonkey.com/

Offers a free limited account that stores 100 responses. With a Professional account, you may create unlimited surveys with an unlimited number of questions.

Other Data Sources

- Advisory committee recommendations
- Information from other reviews (HSTW, A+, etc.)

Conduct a self evaluation

- Use the DESE document called Common Standards for Career Education Programs

Six Common Standards

Management & Planning

Instructional Facilities & Equipment

Curriculum

Instruction

Professional Development

Just released!

Program Management & Planning

- Written statement of mission, goals, and objectives which is developed with input from parents, students, administration, community, and business/industry.
- Written plan to annually evaluate the effectiveness of the program.
- A program advisory committee provides community input and support for the program.

Curriculum

- The written curriculum guide includes the required components.

- A written grading system/policy for measurement of student achievement is in place.

- Written articulation agreements and dual credit arrangements are developed, implemented, and updated with postsecondary institutions.

Instruction

- A variety of instructional methods are used to accommodate all learning styles.

- Appropriate equipment and instructional methods are utilized to support the curriculum and instructional process.

- Work-based learning is integral to the curriculum and program objectives.

Professional Development

- The teacher is appropriately certificated.
- The teacher participates in technical and professional activities in the content area and in instructional management.
- The teacher maintains membership, participates, and provides leadership in professional organizations.

CTSOs

- A program of work aligning the CTSO with curriculum goals and objectives is developed annually by students and teachers.
- The CTSO program of work includes leadership skills, career competency, community service, and school service.
- All students participate in CTSO activities.

Instructional Facilities, & Equipment

- Classroom and lab areas met existing federal, state, and local health and safety codes/standards, including ADA standards

- Equipment is representative of that used in industry and aligns with the curriculum.

- A district plan is in place for equipment replacement and/or immediate repair.

MSIP CAREER EDUCATION STANDARDS
(Cycle 4, begins Fall 2006)

7.3 Career education is an integral component of the educational program.

1. Competency-based curriculum has been implemented to meet the diversified needs of all students and prepare them for entry into the workplace and/or continued education.

2. Career and technical student organizations for each approved career education program are in place as intracurricular instructional methods.

3. Career education programs provide students with assistance in the transition to the workplace and/or continued education.

4. The district implements an accountability system to assess student progress and program effectiveness.

2 Evaluate the data!

Process of Program Improvement

- Improvement plans must be tied to program or performance standards
- Improvement plans should include measurable objectives
- Improvement plans must include action plans which address the program improvement issues

Advisory Councils

- Let your parents, students, community, business/industry people help you evaluate the data.
  - Reactions to Data form

Use a template

- Blank form found on DESE website
  - http://dese.mo.gov/divcareered/Forms/Guide_to_Developing_a_Written_Evaluation_Plan.PDF
- Link to Word template

Sample Objectives

- To increase the percentage of students who enroll in business courses by 3 percent each year.

- To increase the rigor levels by infusing higher-order thinking skills into 100 percent of all summative assessments.

- To increase the percentage of students who pass industry certifications by 5 percent each year.

More objectives…

- To develop a written plan for annually evaluating the effectiveness of the program by May 2007.
- To implement articulation agreements for all career business education courses by May 2008.
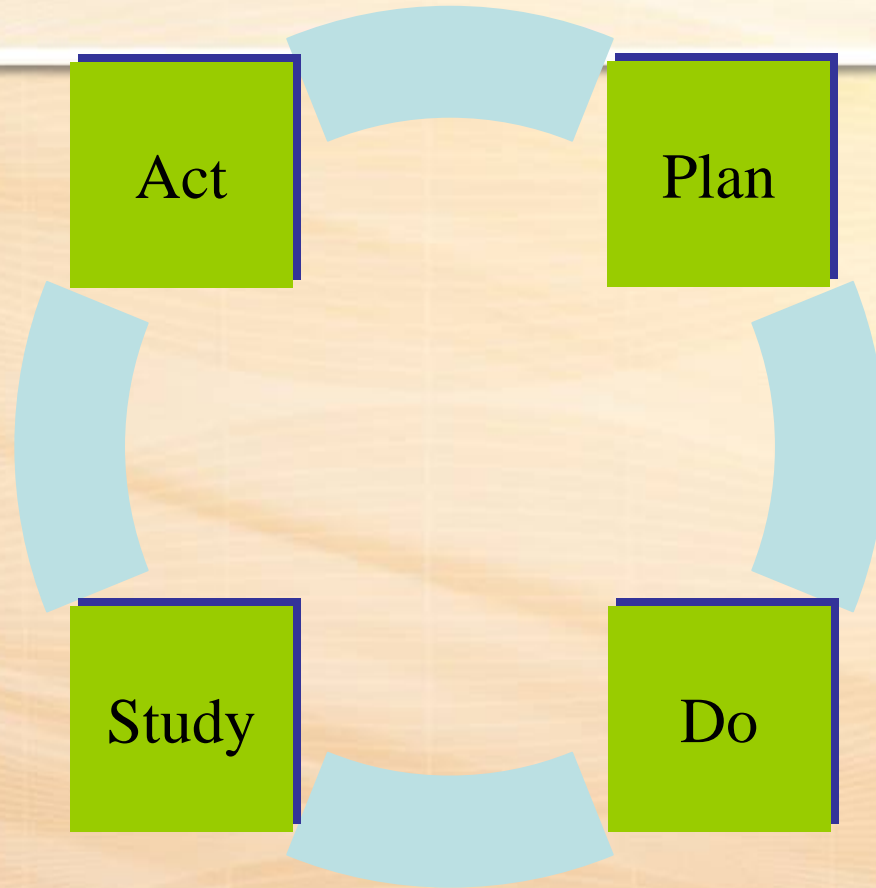- To increase the number of teachers actively involved in professional organizations by 50 percent.

3

Take action!

Strategic Planning

- Common beliefs
- Vision
- Mission
- Policies

- External analysis
- Internal analysis
- Measurable objectives
- Strategies
- Action plans

Conclusion

If you keep on doing what you've always done, you'll continue to get the same results.